

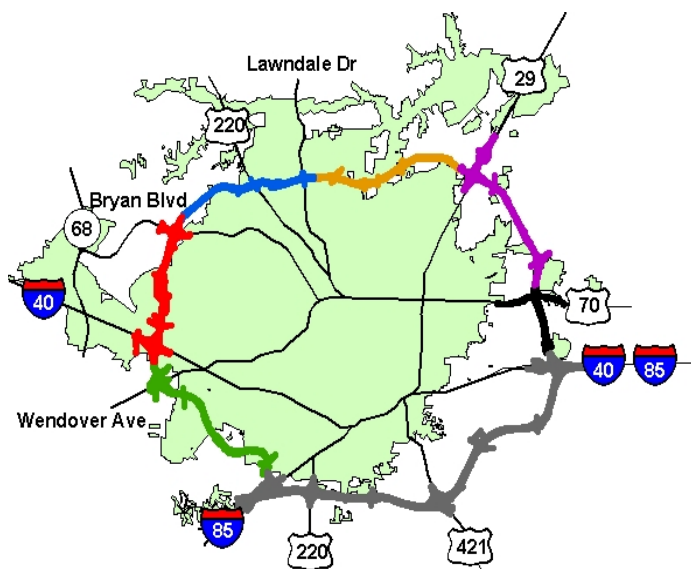
TRANSPORTATION PROJECT UPDATE

GREENSBORO URBAN AREA

This newsletter provides scheduling and status information on major transportation projects planned or under construction in the Greensboro Urban Area. Projects from the adopted *2004-2010 Metropolitan Transportation Improvement Program (MTIP)* and major *City of Greensboro Capital Improvements Program (CIP)* projects are included in this update. The Greensboro Urban Area includes much of Guilford County with the exception of Burlington, Gibsonville, Whitsett, High Point, and Jamestown areas.

Greensboro Urban Loop

NCDOT



Eastern Urban Loop (U-2525):

The Eastern Urban Loop will extend from I-85/I-40 to Lawndale Drive.

- From US 70 to I-40/I-85 near McConnell Road: completed May 2002.
- From US 70 to US 29: start of right-of-way acquisition expected in 2006, start of construction expected in 2009.
- From US 29 to Lawndale Drive: start of right-of-way acquisition expected after 2010, start of construction expected after 2010.

Southern Urban Loop (I-2402):

- The Southern Urban Loop/I-85 Bypass joins the Eastern Loop at I-40/I-85 near McConnell Road and connects to the existing I-85 south of Holden Road. This highway opened to traffic in February 2004, with associated work expected to be complete in October 2004.



Western Urban Loop (U-2524):

The Western Urban Loop will extend from I-85 to Lawndale Drive.

- From I-40 to Bryan Boulevard: under construction, completion expected late 2007.
- From I-85 to I-40: under construction, completion expected Summer 2007.
- From Bryan Boulevard to Lawndale Drive: start of right-of-way acquisition expected in late 2005, start of construction expected in 2008.

FOR MORE INFORMATION

Go to www.greensboro-nc.gov/gdot/planning to see the adopted 2004-2010 MTIP or to get an electronic copy of this newsletter. For more information on **active NCDOT Projects** go to www.ncdot.org or contact the local NCDOT Division 7 Office at (336) 334-3192. For more information on **City of Greensboro Projects under construction** contact the City of Greensboro Department of Engineering and Inspections at (336) 373-2302. For **Plans, proposals, and future needs** contact the City of Greensboro Department of Transportation at (336) 373-2332.

Interstate 40 Widening

NCDOT

(I-2201) The widening of Interstate 40 went from the Business 40 split near Sandy Ridge Road to Holden Road. Phase 1 from Holden Road to Chimney Rock Road is complete. Construction of Phase 2 from Chimney Rock Road to Sandy Ridge Road has all lanes open to traffic with final completion expected in early September 2004.



NC 68 / US 220 Connector

NCDOT

The first section of the NC 68 / US 220 Connector **(R-2413)** will run along existing US 220 from just south of the Haw River to the NC 68 intersection in Rockingham County, with construction expected to begin in late 2005. The second section will follow a new alignment from US 220 just south of the Haw River, cross NC 150, Brookbank Road, Bunch Road, and Alcorn Road and connect to NC 68 north of Pleasant Ridge Road. Right-of-way acquisition is expected to begin in 2007. Construction is expected to begin in Fall 2009. Most of the Connector will be built to interstate standards, with some sections along existing US 220 to be upgraded to interstate standards later.

High Point Road

NCDOT

High Point Road **(U-2412)** will be widened and partially relocated from Hilltop Road to the proposed US 311 Bypass in High Point. Sections will be relocated around the old Jefferson Pilot Headquarters and south of the center of Jamestown.

- **Section A** US 311 Bypass to east of Manor Road: right-of-way 2005 — construction 2007.
- **Section B** Manor Drive to Stanford Road: right-of-way 2009 — construction after 2010.
- **Section C** Stanford Road to Hilltop Road: right-of-way 2005 — construction 2008.

US 220 Widening

NCDOT

US 220 **(R-2309)** will be widened in three phases:

- **Section AA** Cotswold Terrace to Horse Pen Creek Road: complete.
- **Section AB** Horse Pen Creek Road to Winfree Road: right-of-way 2006 — construction 2008.
- **Section B** Winfree Road to NC 68/US 220: right-of-way 2005 — construction 2009.

An environmental study on Sections AB and B is expected in late 2004.

Bridford Parkway Extension

NCDOT

(U-4006) Bridford Parkway will be extended from Hornaday Road north over I-40 and across Guilford College Road to Burnt Poplar Road. The environmental study and public hearing are complete. Construction design is underway with construction expected to begin in early 2008.

Groometown Road

NCDOT

Groometown Road **(U-3313)** will be widened to multi-lanes from Grandover Parkway / Wiley Davis Road to Wayne / Vandalia Road. An environmental study and public hearing are complete. Construction is scheduled to begin in early 2006.

Gallimore Dairy Road

GSO NCDOT

Gallimore Dairy Road **(U-4015)** widening from NC 68 to Market Street is currently scheduled for 2010. The new I-40 interchange has changed area traffic patterns and significantly increased traffic on Gallimore Dairy Road between I-40 and Market Street. Widening of this critical segment is expected to start in September 2004. The City and NCDOT have arranged to construct this section early through a city loan to be repaid by NCDOT in 2008.

New Garden Road

GSO

New Garden Road was recently widened from Fleming Road to Bryan Boulevard. The second phase will widen New Garden Road from Jefferson Road to Brassfield Road. Construction of Phase 2 is expected to begin in Spring 2006.

Guilford College

NCDOT

Guilford College Road will be widened and partially relocated from I-40 to High Point Road in phases:

- **Section I-2201 BB** I-40 to Nicholas Road widening: complete.
- **Section U-2524 AA** Nicholas Road to south of Ruffin Road with new interchange at Wendover Avenue: complete.
- **Section U-2913 A** From Mackay Road to High Point Road on new location: construction underway, completion late 2005.
- **Section U-2913 B** South of Ruffin Road to Mackay Road widening: construction start scheduled late 2004.

Completion of entire project expected in 2006.

Hilltop Road

GSO NCDOT

The City of Greensboro is currently widening Hilltop Road to 5 lanes from Adams Farm Parkway to the existing multi-lane section near Pennoak Drive. NCDOT plans to widen the portion from Guilford College Road to Adams Farm Parkway (**U-3612**): a late 2005 start with a 2007 completion are expected. An environmental study and public hearing are complete.

Greensboro Signal System Replacement

GSO NCDOT

The Greensboro Signal System (**U-4711**) is scheduled to be replaced. The purpose of the project is to update the system's technology. The project will consist of replacing the central computer, intersection controllers, wiring network and other field equipment to fiber optics. The new equipment will make system more dependable and allow the system to expand to cover more intersections as Greensboro continues to grow. The project is scheduled to begin in 2008.

Reedy Fork Parkway / US 29

GSO NCDOT

Project (**R-4707**) will reconstruct the Reedy Fork Parkway/US 29 Interchange. The purpose of the project is to increase traffic capacity to meet future demands, replace the existing deficient bridge, upgrade US 29 to interstate standards in the area of the interchange and widen Summit Avenue to Bryan Park Road. The City is developing an environmental study and a preliminary design in cooperation with NCDOT. The environmental study is the first phase in project development. The project is currently unfunded for construction.

J. Douglas Galyon Depot

NCDOT

This project has created a state of the art transportation facility in the historic former Southern Railway Station. The Depot now houses the Greensboro Transit Authority bus transfer center, Greyhound/Trailways service with space for commercial service providers and retail businesses. The Depot will house the Greensboro AMTRAK station upon completion of improvements to railroad tracks needed to route rail service to the center. This facility will replace the existing Pomona AMTRAK Station with a much improved Greensboro train station. Construction of track improvements are underway and expected to be complete in Fall 2005.



Bryan Boulevard Relocation

NCDOT

(**U-2815C**) Bryan Boulevard will be relocated west of the new third runway at the Piedmont Triad International Airport. The current Inman Road interchange will be replaced by a new interchange at relocated Old Oak Ridge Road. This will become the primary access point to the Airport. Construction is underway with completion expected in 2008. This project is being managed by the Piedmont Triad International Airport Authority with costs reimbursed by NCDOT.

West Market Street

NCDOT

(**R-2611**) West Market Street is scheduled to be widened to a multi-lane facility from NC 68 to Bunker Hill Road. NCDOT is currently conducting an environmental study due for completion in early 2005. Construction expected to begin in mid-2009.

ROADWAY PROJECTS

(R-2612) US 421 at Woody Mill Road & Neelley Road
Construct new interchanges at US 421 & Woody Mill Road beginning 2009 and US 421 & Neelley Road beginning after 2010. Environmental documentation and final project scope 2005.

(R-2577) US 158 from I-40 Business in Forsyth County to US 220 Widen to multi-lanes after 2010. Environmental study to begin in late 2004.

(R-2580) US 158 from US 220 to US 29 Business in Rockingham County Widen to multi-lanes after 2010.

(U-2581 B) US 70 from Mt. Hope Church Road to Rock Creek Dairy Road Widen to multi-lanes after 2010.

(R-2910) US 70 from Rock Creek Dairy Road into Alamance County Widen to multi-lanes after 2010.

MAJOR BRIDGE PROJECTS

(B-3930) 16th Street Bridge over Norfolk Southern Railway
Construction start March 2005.

(B-3272) McConnell Road Bridge over US 29
Construction underway. Completion late 2005.

(B-3174) US 29 Bridge over Lee Street
Construction underway. Completion late 2005.

(B-3851) East Market Street Bridge over US 29
Construction to incorporate East Market Streetscape elements. Current northbound US 29 off ramp will be eliminated and moved adjacent to the current US 29 northbound on-ramp. The ramps will be aligned with Gillespie Street. Construction to begin early 2005.

Norwalk Street Extension Phase 1 from Patterson Street to Boston Road 3-lane roadway on new location. Construction near completion, all work to conclude by October 2004.

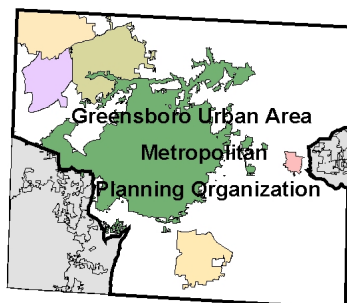
Sidewalk Contract 2003-58 Seventeen projects for approximately 6 miles. Construction to begin September 2004 and conclude by November 2005.

Battleground Rail Trail Multi-use trail to be constructed along an abandoned railroad corridor east of Battleground Avenue from Pisgah Church Road to Markland Drive. Plans now include an underpass at Cone Boulevard. Construction expected to begin early 2006.

Spring Garden Street Streetscape Construction of a landscape median and street resurfacing from Jackson Street to McGee Street. Construction near completion, all work to conclude in Fall 2004.

Downtown Street Conversions Davie Street from McGee Street to Summit Avenue; Bellemeade Street from Cedar Street to Elm Street; Summit Avenue from Elm Street to Lindsay Street; and Lindsay Street from Eugene Street to Summit Avenue will be converted to two-way traffic by late 2004.

Greene Street from Washington Street to McGee Street; McGee Street from Greene Street to Davie will be converted to two-way traffic and a roundabout constructed at the Greene-McGee intersection. Completion expected in late 2005.

**GREENSBORO URBAN AREA
METROPOLITAN PLANNING ORGANIZATION**

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Year 2000 Transportation Bond Projects

On November 7, 2000 Greensboro voters approved \$73.75 million in bonds for Transportation Improvement Projects. These projects will improve transportation safety and aesthetics and are an important investment in the city's transportation infrastructure.

Various Sidewalk Projects – City Wide

Contracts for sidewalks along major thoroughfares are being formulated. A contract currently is under construction of projects primarily identified as "worn paths". Additional projects are being planned with the aim of connecting disjointed sections of sidewalks and neighborhoods to schools, parks and shopping. *Construction underway.*

Various Bikeway Projects – City Wide

Various bikeway projects are in the early planning stages with the goal of providing safe off-street facilities that connect neighborhoods with parks and businesses, parks with parks and the re-use of a former railroad corridor. *Construction underway.*

Wendover Avenue – Big Tree Way to Stanley Rd.

City Council Districts 4 & 5

Wendover Avenue between Big Tree Way and Stanley Road is the fastest growing section of roadway in Greensboro. Future commercial and infrastructure improvements in the area will place additional demands on an already stressed facility. Currently there are three through lanes of travel in each direction on the bridge across I-40. One of the west-bound through lanes terminates at the bridge. Improvements would include maintaining three through lanes in each direction on the bridge. *Project complete.*

Wendover Avenue - Bridford Pkwy to Edwardia Dr.

City Council Districts 4 & 5

This project involves intersection improvements to increase vehicle capacity and the construction of sidewalk along both sides to accommodate pedestrian needs along this fastest growing section of roadway in Greensboro. Project Planning Study and Preliminary Design complete. *Project complete.*

NC 68 – W Market St. to Gallimore Dairy Rd.

City Council District 5

This project is based on recommendations from NCDOT to improve the traffic capacity and safety of NC 68. Improvements include additional northbound and southbound through lanes, turn lane improvements at intersections and intersections realignments. Project Planning Study and Preliminary Design conducted by NCDOT. *Project complete.*

East Market Street Streetscape

City Council Districts 1 & 2

The East Market Street Corridor Development Plan identifies improvements for pedestrian safety and access, and improve the physical image to develop "a sense of place" for the area. Streetscape and traffic management improvements are a critical component to the East Market Street revitalization efforts. *Phase I construction expected to be complete Spring 2005, Phase II in Spring 2006.*

Church Street Streetscape

City Council Districts 1 & 2

Church Street has been identified as a critical link between the cultural district attractions (Central Library, Historical Museum, Children's Museum and Cultural Arts Center) and the planned Multi-Modal Transportation Center. Improvements to address pedestrian activity, aesthetics and safety are warranted. *Construction expected to begin 2007.*

Creek Ridge Road – Randleman Rd. to US 220

City Council Districts 4 & 5

Creek Ridge Road is a two-lane minor east-west thoroughfare connecting Elm/Eugene Street, Randleman Road, and US-220. A three lane 36 feet wide cross-section provide a safer, less congested facility. *Project Planning Study and Preliminary Design completed. Construction expected to begin Summer 2006.*

Franklin Boulevard – McConnell Rd. to Bessemer Ave.

City Council District 2

Franklin Boulevard is currently a narrow two-lane roadway section connecting McConnell Road with East Market Street. The Franklin Boulevard improvements in conjunction with the Florida Street Extension project will provide a continuous north-south link between East Market Street and Lee Street. *Project Planning Study and Preliminary Design completed. Construction expected to begin Summer 2005.*

Friendly Avenue – Westridge Rd. to Holden Rd.

City Council District 4

In the past two years traffic volumes have increased by 23% along this section of Friendly Avenue. There are numerous residential driveways along this heavily traveled corridor and the lack of a center turn lane causes operational and safety problems as motorists stop in the travel lane to access adjacent properties. Projected traffic growth along Friendly Avenue will continue to add to the operational and safety problems of this facility. The addition of medians and left turn lanes will enhance the safety and capacity of this facility. *Project Planning Study and Preliminary Design completed. Construction expected to begin Summer 2005.*

Lake Jeanette Road – Lawndale Ave. to N. Elm St.

City Council District 3

This proposed project will provide additional capacity, a more consistent roadway width, continuous curbs and gutters, and continuous sidewalks. This project will enhance vehicular and pedestrian safety, pedestrian access, and provide additional capacity at key intersections. The Project also includes aesthetic enhancements such as landscaped median sections. *Project Planning Study and Preliminary Design completed. Construction expected to begin Summer 2006.*

Merritt Drive – I-40 Bridge to High Point Rd.

City Council District 5

The proposed project section is currently 2-lanes carrying 19,000 vehicles per day and will be widened to 5-lanes and will connect to the existing 5-lanes from Spring Garden Street through the I-40 bridge; the bridge was replaced as part of the I-40 widening project. *Project Planning Study and Preliminary Design complete. Construction expected to begin Spring 2006.*

Mackay Road – Adams Farm Pkwy to High Point Rd.

City Council District 5

The proposed widening of Mackay Road will improve access between the Adams Farm Area and High Point Road. The most recent counts indicated an average daily volume of 19,700 vehicles per day. *Project Planning Study and Preliminary Design to be conducted. Construction expected to begin 2007.*

Year 2000 Transportation Bond Projects

On November 7, 2000 Greensboro voters approved \$73.75 million in bonds for Transportation Improvement Projects. These projects will improve transportation safety and aesthetics and are an important investment in the city's transportation infrastructure.

Battleground Avenue – Cotswold Ave To Westridge Rd.

City Council Districts 3 & 4

The section of Battleground Avenue between Cotswold Avenue and Westridge Road has experienced considerable commercial development in the past five years. This stretch of Battleground Avenue carries 31,600 vehicles per day and operates near capacity. The addition of an outbound lane will continue the 3 outbound travel lanes that exist up to Old Battleground Road and an additional inbound travel lane will facilitate morning traffic flow. *Project Planning Study and Preliminary Design to be completed Fall 2004. Construction expected to begin in 2009.*

Stanley Road – Hilltop Rd. to Koger Blvd.

City Council District 5

Stanley Road is a major north-south connection between Wendover Avenue and Hilltop Road. The segment of Stanley Road between Koger Boulevard and Hilltop Road is a narrow two-lane roadway operating near capacity. Traffic volumes on Stanley Road have increased 36% over the past six years. Traffic volumes are projected to continue increasing at 5% per year over the next ten years. The roadway will be widened to improve traffic conditions and safety. *Project Planning Study and Preliminary Design to be conducted. Construction expected to begin 2007.*

Church Street – Northwood St. to Cone Blvd.

City Council District 3

Church Street is a major facility connecting the center city with northern residential areas. Currently this 2 to 3 lane roadway is nearing capacity. Traffic has increased 5% annually over the past 6 years and is expected to continue increasing as new development continues to the north and the Center city is revitalized. Church Street will be widened to reduce congestion and accommodate future traffic demands. *Project Planning Study and Preliminary Design to be completed Fall 2004. Construction expected to begin 2009.*

Elm-Eugene Street – Vandalia Rd. to Future I-85 Bypass

City Council District 1

Elm-Eugene is a major north-south thoroughfare connecting southern Guilford County to the downtown Greensboro. The completion of the I-85 Bypass has altered traffic patterns. Roadway widening is necessary to meet future traffic demands. Elm-Eugene Street is the only interchange to provide direct local access to the Bypass between US 421 and US 220. *Project Planning Study and Preliminary Design complete. Construction expected to begin Fall 2004.*

Florida Street Extension – Lee St. to Franklin Blvd.

City Council District N/A - Currently in County

The Florida Street Extension would provide a continuous north-south connector in eastern Greensboro, thus enhancing road connectivity. *Project Planning Study and Preliminary Design to be conducted. Construction expected to begin 2009.*

Horse Pen Creek Road-Fleming Road Connector

City Council Districts 4

The Horse Pen Creek Road – Fleming Road Connector will provide a much needed east-west route for localized traffic and may one day provide a connection to a future interchange with the Urban Loop. *Project Planning Study and Preliminary Design complete. Construction expected to begin 2005.*

Vandalia Road – Elm-Eugene St. to Pleasant Garden Rd.

City Council District 1 & County

Widening of Vandalia Road from Elm-Eugene Street to Pleasant Garden Road from two-lanes to three-lanes will enhance traffic flow in the area by providing a center left-turn lane thus allowing the flow of traffic and reducing the potential of accidents involving vehicles turning left from the roadway. *Project Planning Study and Preliminary Design to be conducted. Construction expected to begin 2009.*

Summit Avenue – McKnight Mill Rd. to Brightwood

School Rd. *City Council District 3*

Summit Avenue is a minor north-south thoroughfare through northeast Greensboro. This section of Summit Avenue is primarily residential leading up from the commercial area at Cone Boulevard. Summit Avenue is expected to experience significant traffic increases with substantial development in the Reedy Fork area. This project will help mitigate future traffic congestion. *Project Planning Study and Preliminary Design to be conducted. Construction expected to begin 2009.*

Summit Avenue – Brightwood School Rd to Bryan

Park Rd. *City Council District 3 & County*

This section of Summit Avenue has experienced considerable industrial development in recent years. Summit Avenue is expected to experience significant traffic increases with substantial development in the Reedy Fork area. This project will help mitigate future traffic congestion. *Feasibility Study completed. Further Project Planning Study and Preliminary Design to be conducted. Construction expected to begin 2009.*

Except for controlled-access facilities, sidewalks are included in the project scope of all Greensboro Transportation Bond Projects. The goal is to include sidewalks on both sides of all projects.

FOR MORE INFORMATION

Please visit www.ci.greensboro.nc.us/GDOT/ to view the status of these projects as they develop or contact the City of Greensboro Department of Transportation at (336) 373-2332.